

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
STL000011US2

In Re Application Of: **Andreas Arning et al.**

Serial No.

Filing Date

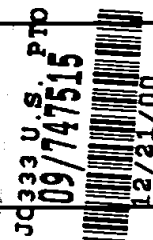
Examiner

Group Art Unit

To Be Assigned

December 21, 2000

Title: **USING AN INDEX TO ACCESS A SUBJECT MULTI-DIMENSIONAL DATABASE**



Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **09-0460** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☐ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) on _____ (Date)

Signature

Typed or Printed Name of Person Signing Certificate

Express
Certificate of Mailing by First-Class Mail

I certify that this document and fee is being deposited on **12/21/00** with the U.S. Postal Service as **express** mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

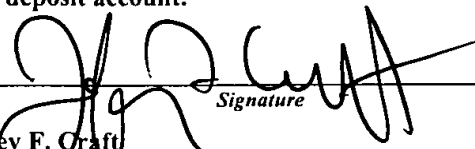
Signature of Person Mailing Correspondence

Joanne Housen Galvez

Typed or Printed Name of Person Mailing Correspondence

*This certificate may only be used if paying by deposit account.

Dated: **December 21, 2000**


Signature
Jeffrey F. Craft
Reg. No. 30,044
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CC:

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
STL000011US2SERIAL NO.
To Be AssignedLIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

APPLICANT: Andreas Arning, et al.

FILING DATE: Dec. 21, 2000

GROUP

JCS688 U.S. PTO
09/747515

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE |
|---------------------|--|-----------------|----------|------------------|-------|--------------|----------------|
| | | 5,233,513 | 8/3/93 | Doyle | 705 | | |
| | | 5,359,724 | 10/25/94 | Earle | 395 | | |
| | | 5,721,910 | 2/24/98 | Unger et al. | 705 | | |
| | | 5,819,270 | 10/6/98 | Malone et al. | 705 | | |
| | | 5,905,985 | 5/18/99 | Malloy et al. | 705 | | |
| | | 5,918,210 | 6/29/99 | Rosenthal et al. | 705 | | |
| | | 5,953,707 | 9/14/99 | Huang et al. | 705 | | |
| | | 5,995,945 | 11/30/99 | Notani et al. | 705 | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | Translation | |
|--|--|-----------------|----------|---------|-------|--------------|-------------|----|
| | | | | | | | YES | NO |
| | | WO 98/47092 | 10/22/98 | PCT | | | | |
| | | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| 1. | Keynote Addresses: - Baldwin, J.F. et al., "Uncertainty Handling in Real-World Applications of Data Mining"; - deVille, B., "Data Mining Best Practices: Lessons Learned in Process, Applications and Techniques"; - Harris-Jones, C., "Integrating Data Mining into Business Intelligence"; - Sokol, L., "Insuring the Success of Commercial Data Mining Projects"; - Graco, W., "Some Developments in the use of Smart Technology in Health Care and Administration"; Proceedings of the Third International Conference on the Practical Application of Knowledge Discovery and Data Mining, Commonwealth Conference and Events Centre, London, United Kingdom, April 21-23, 1999. |
| 2. | Richelde, M., "A Business Intelligence Solution for Energy Budget Control", Proceedings of the Third International Conference on the Practical Application of Knowledge Discovery and Data Mining, Commonwealth Conference and Events Centre, London, United Kingdom, p. 167-82, April 21-23, 1999. |
| 3. | Goil, S. et al., "A Parallel Scalable Infrastructure for OLAP and Data Mining", IDEAS'99, Int. Database Eng. & Applications Symposium, Montreal, Canada, August 2-4, 1999, p. 178-186. |
| | |

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
STL000011US21SERIAL NO.
To Be AssignedLIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

APPLICANT: Andres Arning, et al.

FILING DATE: Dec. 21, 2000

GROUP

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| 4. | Sarawagi, S. et al., "Discovery-driven Exploration of OLAP Data Cubes", <u>Research Report</u> , IBM Research Division, International Business Machines Corporation, pp. 1-28. |
| 5. | Sharman, R., "Improved Segmentation for Data Analysis", <u>IBM Technical Disclosure Bulletin</u> , Vol. 40, No. 8, pp. 145-154, August 1997. |
| 6. | Legakis, L. et al., "Intelligent Subject Matter Classification and Retrieval", 1993 Canadian Conference on Electrical and Computer Engineering, Hyatt Regency Hotel, Vancouver, Canada, Vol. I (1-35), September 14-17, 1993. |
| 7. | Sarawagi, S. "Indexing OLAP Data 0", <u>Bulletin of the IEEE Computer Society Technical Committee on Data Engineering</u> , pp. 1-9, 1996. |
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